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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY PATENT APPLICATION TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 005641.P002X

(maximum 12 characters)

First Named Inventor Jorge Fernandes

Title: TRANSACTIONS USING A DYNAMIC INTERFACE CARD WITH AUTOMATIC SENSING

Express Mail Label No. EL431688872US

ADDRESS TO: **Assistant Commissioner for Patents  
Box Patent Application  
Washington, D. C. 20231**

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.   X   **Fee Transmittal Form (e.g., PTO/SB/17)**  
(Submit an original, and a duplicate for fee processing)
2.        **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3.   X   **Specification (Total Pages 49)**  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.   X   **Drawings(s) (35 USC 113) (Total Sheets 10)**
5.   X   **Oath or Declaration (Total Pages 5)**
  - a.   X   Newly Executed (Original or Copy)
  - b.        Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 17 completed)
  - i.        DELETIONS OF INVENTOR(S) Signed statement attached deleting  
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)  
and 1.33(b).
  - c.        Unsigned.
6.        **Application Data Sheet. (37 CFR 1.76)**
7.        CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.        Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.        Computer Readable Form (CRF)
  - b.        Specification Sequence Listing on.
    - i.        CD-ROM or CD-R (2 copies); or
    - ii.        paper
  - c.        Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ **Assignment Papers (cover sheet & documents(s))**
10. ☐ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
- ☐ b. Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ a. Information Disclosure Statement (IDS)/PTO-1449
- ☐ b. Copies of IDS Citations
13. ☐ **Preliminary Amendment**
14. ☒ **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**
17. ☒ Other: separate sheet with title, express mail label, copy of postcard and attorney's signature

**18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP)  
Of Prior Application No.: 09/837,115 Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_

(which is a ☐ continuation/ ☐ divisional/ ☐ CIP of prior application no. \_\_\_\_\_,  
which is a ☐ continuation/ ☐ divisional/ ☐ CIP of prior application no. \_\_\_\_\_) (List entire chain of priority)

**For CONTINUATION AND DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18B. Statement under 37 CFR 3.73(b) for continuing application:**

The undersigned states that \_\_\_\_\_ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel No. \_\_\_\_\_ Frame No. \_\_\_\_\_ (or a copy of which is attached).

### 19. Correspondence Address

☐ Customer Number or Bar Code Label \_\_\_\_\_  
or \_\_\_\_\_ (Insert Customer No. or Attach Bar Code Label here)

☒ Correspondence Address Below

NAME Lisa N. Benado  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard  
Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (425) 827-8600 FAX (425) 827-5644

Name (PRINT/TYPE): Lisa N. Benado Registration No.: 39,995

Signature: [Signature] Date: June 5, 2007

**FEE TRANSMITTAL FOR FY 2001****TOTAL AMOUNT OF PAYMENT (\$)** \$673.00**Complete if Known:**Application No. New ApplicationFiling Date HerewithFirst Named Inventor Jorge FernandesGroup Art Unit Not Yet AssignedExaminer Name Not Yet AssignedAttorney Docket No. 005641.P002X**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666

Deposit Account Name \_\_\_\_\_

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed: ☒ Check  
☐ Credit Card  
☐ Money Order  
☐ Other

**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity |          | Small Entity |          | Fee Description                    | Fee Paid        |
|--------------|----------|--------------|----------|------------------------------------|-----------------|
| Code         | Fee (\$) | Code         | Fee (\$) |                                    |                 |
| 101          | 710      | 201          | 355      | Utility application filing fee     | <u>355.00</u>   |
| 106          | 320      | 206          | 160      | Design application filing fee      | _____           |
| 107          | 490      | 207          | 245      | Plant filing fee                   | _____           |
| 108          | 710      | 208          | 355      | Reissue filing fee                 | _____           |
| 114          | 150      | 214          | 75       | Provisional application filing fee | _____           |
| SUBTOTAL (1) |          |              |          |                                    | <u>\$355.00</u> |

**2. EXTRA CLAIM FEES**

|                    |           | Extra Claims       | Fee from below | Fee Paid        |
|--------------------|-----------|--------------------|----------------|-----------------|
| Total Claims       | <u>42</u> | - 20** = <u>22</u> | X <u>9.00</u>  | = <u>198.00</u> |
| Independent Claims | <u>6</u>  | - 3** = <u>3</u>   | X <u>40.00</u> | = <u>120.00</u> |
| Multiple Dependent |           |                    |                | = _____         |

\*\*Or number previously paid, if greater; For Reissues, see below.

| Large Entity |          | Small Entity |          | Fee Description   |
|--------------|----------|--------------|----------|---|
| Code         | Fee (\$) | Code         | Fee (\$) |   |
| 103          | 18       | 203          | 9        | Claims in excess of 20                                    |
| 102          | 80       | 202          | 40       | Independent claims in excess of 3                         |
| 104          | 270      | 204          | 135      | Multiple dependent claim, if not paid                     |
| 109          | 80       | 209          | 40       | **Reissue independent claims over original patent         |
| 110          | 18       | 210          | 9        | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) \$318.00**FEE CALCULATION (continued)**

| Parameter               | Value            | Unit               |
|-------------------------|------------------|--------------------|
| Initial concentration   | 1.0              | g/L                |
| Initial pH              | 7.0              |                    |
| Temperature             | 25               | °C                 |
| Time                    | 0-120            | min                |
| Agitation speed         | 150              | rpm                |
| Batch size              | 100              | mL                 |
| Adsorbent dose          | 0.1-1.0          | g/L                |
| Adsorbent type          | Activated carbon |                    |
| Adsorbent surface area  | 1000             | m <sup>2</sup> /g  |
| Adsorbent pore volume   | 0.5              | cm <sup>3</sup> /g |
| Adsorbent density       | 0.5              | g/cm <sup>3</sup>  |
| Adsorbent particle size | 0.25-0.5         | mm                 |
| Adsorbent batch         | 1                |                    |
| Adsorbent lot           | 1                |                    |
| Adsorbent grade         | 1                |                    |
| Adsorbent source        | 1                |                    |
| Adsorbent manufacturer  | 1                |                    |
| Adsorbent supplier      | 1                |                    |
| Adsorbent distributor   | 1                |                    |
| Adsorbent importer      | 1                |                    |
| Adsorbent exporter      | 1                |                    |
| Adsorbent agent         | 1                |                    |
| Adsorbent broker        | 1                |                    |
| Adsorbent dealer        | 1                |                    |
| Adsorbent wholesaler    | 1                |                    |
| Adsorbent retailer      | 1                |                    |
| Adsorbent distributor   | 1                |                    |
| Adsorbent importer      | 1                |                    |
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| Adsorbent dealer        | 1                |                    |
| Adsorbent wholesaler    | 1                |                    |

**\*Reduced by Basic Filing Fee Paid**

**SUBMITTED BY:**

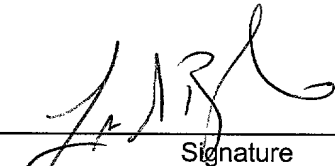
**Telephone Number:** (425) 827-8600

PTO/SB/17

**REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)**First Named Inventor Jorge FernandesTitle TRANSACTIONS USING A DYNAMIC INTERFACE CARD WITH AUTOMATIC SENSINGAttorney Docket No. 005641.P002X

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

June 5, 2001  
Date

  
Signature

Lisa N. Benado

Typed or Printed Name

39,995

Registration No.

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months after the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Send to: Assistant Commissioner for Patents, Washington, D.C. 20231